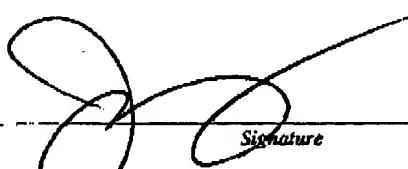
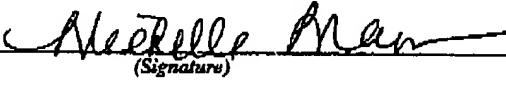


AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Joseph Charles Liberti Jr.				Docket No. APP 1253	
Serial No.	Filing Date	Examiner RYMAN, DANIEL J		Group Art Unit 2665	
Invention: Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems					
TO THE COMMISSIONER FOR PATENTS:				RECEIVED CENTRAL FAX CENTER OCT 22 2004	
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	31 -	75 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	4 -	13 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____.</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.</p> <p><input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p>					
 Signature					
Dated: 10/22/2004					
<div style="border: 1px solid black; padding: 5px; width: 100%;"> I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37C.F.R. 1.8 and is addressed to the _____ for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. </div>					
<div style="border: 1px solid black; padding: 5px; width: 100%;"> Signature of Person Mailing Correspondence </div>					
<div style="border: 1px solid black; padding: 5px; width: 100%;"> Typed or Printed Name of Person Mailing Correspondence </div>					
CC:					

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Joseph Charles Liberti Jr.			Docket No. APP 12S3
Serial No. 09/813,491	Filing Date 03/21/2001	Examiner RYMAN, DANIEL J	Group Art Unit 2665
Invention: Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems			
<p>I hereby certify that this <u>Reply to Office Action of July 23, 2004</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u> on <u>10/22/2004</u> (Date)</p> <p style="text-align: center;"><u>Michelle Masseau</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p>			
<p>Note: Each paper must have its own certificate of mailing.</p>			

Appl. No.: 09/813,491
Andt. Dated 10/22/2004
Reply to Office Action of 07/23/2004

APP 1253

RECEIVED
CENTRAL FAX CENTER

OCT 22 2004

Appl. No. : 09/813,491
Applicants : Joseph Charles Liberti JR.
Filed : March 21, 2001
Title : Combined Adaptive Spatio-Temporal Processing and
Multi-User Detection for CDMA Wireless Systems
TC/A.U. : 2665
Examiner : Ryman, Daniel J
Docket No. : APP 1253

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office action of July 23, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 5 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include attached replacement sheets.

Remarks/Arguments begin on page 12 of this paper.